What’s New in Glaucoma Treatment (1hr)

This course will review the new pharmaceutical options for glaucoma treatment that have recently entered the market. Emerging less invasive glaucoma treatments will also be discussed.

Our Course Objectives:
- Discuss treatment options for glaucoma
- Review new pharmaceuticals to treat glaucoma
- We will survey new procedures in glaucoma surgery

- Introduction

- The History of Glaucoma Treatment
  - Surgical
  - Pharmaceutical

- The Rationale for Glaucoma Treatment
  - IOP Studies
    - Unfortunately, it's pretty much all we know how to do
  - RAND Analysis of treatment protocols
    - B-blockers are out…finally.

- Current Treatment of Glaucoma
  - Considerations in IOP measurement/adjustment
    - Pachymetry
      - Nomographic adjustment of TAG
      - What about NCT or tonopen?
      - Pascal Dynamic Contour Tonometer (DCT)
    - Corneal Hysteresis
      - Ocular Response Analyzer (ORA)
  - Pharmaceutical
  - Laser
    - Peripheral Iridotomy (PI)
    - Argon LT
    - Selective LT
  - Surgical
    - Trabeculectomy
    - Tube Shunts/Valves
• “New” Pharmaceutical Treatments
  o Re-introduction of unoprostone (Rescula)
    - Prostanoid
  o Generic changes
    - Percentage and preservative considerations
  o “New” Combo Drugs
    - Differentiation
    - Formulary considerations
  o Pipeline Preview of future treatments

• Surgical Treatment Advances
  o Viscocanalostomy?
  o Tube vs Trab
    - Study
    - Key differences
    - Shunt types
    - Comanagement Pearls
      - Billing caveats
  o Micro Shunts
    - Gold Microshunt
    - iStent
    - ExPress Filtration Device
    - Comanagement Pearls
      - Billing may not be an issue
  o Possibilities for future surgical procedures

• Conclusions

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